

ACCESSION NR: AP5007621

(NH<sub>4</sub>)<sub>2</sub>. The products were dark brown or black powders whose amorphous structure was indicated by the X-ray diagrams; they were insoluble or barely soluble in organic solvents and hydrolyzed in air. Heating in air gave MoO<sub>3</sub> as a final product. The reaction with MoO<sub>3</sub> is described by the following 5 formulas.

Source: Institut obshchey i neorganicheskoy khimii im. N. S. Kurnakova  
General and Inorganic Chemistry

LEYZERMAN, L.I.; GORYACHEVA, L.K.

Interprovince scientific and practical conference on the control of helminthiases in the central regions of the R.S.F.S.R.  
Med. paraz. i paraz. bol. 32 no.6:754-755 N-D '63  
(MIRA 18:1)

LEYZERMAN, L.I.; GORYACHEVA, L.K.

Interprovincial scientific and practical conference on control  
of helminthiasis in the Volga Valley. Med. paraz. i paraz.  
bol. 33 no.1:125-126 Jan-F '64. (MIRA 18:1)

AKHAPKINA, A.I., nauchnyy sotr.; GORYACHEVA, L.M., nauchnyy sotr.; ISTOMINA, I.V., nauchnyy sotr.; KASHIKHIN, L.S., nauchnyy sotr.; ROZHKOVA, T.D., nauchnyy sotr.; KOPYLOV, D.I., kand. istoricheskikh nauk, red.; VOROB'YEV, M.A., red.; OVECHKIN, L.T., tekhn. red.

[Thirty years of the Yamal-Nenets National Area] 30 let Iamal-Nenetskogo okruga; istoriko-ekonomicheskii ocherk. Tiumen', 1960.  
(MIRA 14:10)  
87 p.

1. Tyumen' (Province) Upravleniye vnutrennikh del. Arkhivnyy otdel.
  2. Tyumenskiy oblastnoy Gosudarstvennyy arkhiv, Tobol'sk (for Akhapkina, Goryacheva, Istomina, Kashikhin, Rozhkova).
- (Yamal-Nenets National Area—Economic conditions)

MONTITSKIY, R., starshiy nauchnyy sotrudnik; GORYACHEVA, M., mladshit  
nauchnyy sotrudnik; YULIUS, A., mladshiy nauchnyy sotrudnik

Packing materials out of polymers. Sov.torg. 33 no.9:  
48-50 S '59. (MIRA 12:12)

1. Nauchno-issledovatel'skiy institut trgovli i obshchest-  
vennogo pitaniya.  
(Synthetic products) (Packaging)

CHERNOMORDIKOV, V. V.; Prinimali uchastiye: GORYACHEVA, M., student-diplomnik; TOKAREVA, T., student-diplomnik; CHERNYSHEVA, Ye., student-diplomnik; SHUTOVA, M., student-diplomnik; MAMATKINA, E., studentka

Thermophily and hygrophily of Norway and black rats. Nauch. dkl. vys. shkoly; biol. nauki no.3:69-72 '62. (MIRA 15:7)

1. Kafedra zoologii pozvonochnykh Moskovskogo gosudarstvennogo universiteta im. M. V. Lomonosova (for Goryacheva, Tokareva, Chernysheva, Shutova). 2. Moskovskiy zaochnyy sel'skokhozyaystvennyy institut (for Mamatkina).

(RATS) (ZOOLOGY--ECOLOGY)

TRAKHTENBROT, Boris Avraamovich; TABLOVSKIY, S.V., red.; GORYACHAYA, M.M.,  
red.; AKSEL'ROD, I.Sh., tekhn.red.

[Algorithms and machine solving of problems] Algoritmy i mashinnoe  
reshenie zadach. Izd.2. Pod red. S.V.Iablonskogo. Moskva, Gos.  
izd-vo fiziko-matem.lit-ry, 1960. 117 p.

(MIRA 14:3)

(Electronic calculating machines)

LAVROV, Svyatoslav Sergeyevich; GORYACHAYA, M.M., red.

[Universal programming language; algol 60]Universal'nyi  
iazyk programirovaniia; algol 60. Moskva, Nauka, 1964.  
171 p. (MIRA 18:2)



PARKHOMENKO, Galina Maksimovna; GORYACHEVA, N.A., red.;  
DRUZHININA, L., tekhn. red.

[Work hygiene in handling polonium] Gigiena truda pri  
rabote s poloniem. Moskva, Gosatomizdat, 1963. 50 p.  
(MIRA 16:10)

(Polonium--Safety measures)

NEFEDOV, Yu.G., red.; GORYACHEVA, N.A., red.

[Problems of the radiation safety of space flights;  
physical and biological studies with high-energy protons]  
Problemy radiatsionnoi bezopasnosti kosmicheskikh pole-  
tov; fizicheskie i biologicheskie issledovaniia s proto-  
nami bol'shikh energii. Moskva, Atomizdat, 1964. 237 p.  
(MIRA 17:12)

KLYUCHNIKOVA, V.M., kand. tekhn. nauk, dotsent; GORYACHEVA, N.I., inzh.

Investigating the infrared drying systems for footwear with  
chrome leather uppers. Nauch. trudy MTILP no.30:130-135 '64.  
(MIRA 18:6)

1. Kafedra tekhnologii izdeliy iz kozhi Moskovskogo tekhnologicheskogo  
instituta legkoy promyshlennosti.

GORYACHEVA, N. S.

25733 GORYACHEVA, H. S. Sorta maliny Dlya Gor'kovskoy oblasti. Sad i ogorod,  
1948, No: 7, s. 30-31

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948.

GORYACHEV, N. S.

USSR/Chemistry - Nitro Compounds,  
Analysis

11 Dec 51

"The Use of Skeleton Nickel Catalyst in the Quantitative Determination of Aromatic Nitro Compounds,"  
A. K. Ruzhentsev, N. S. Goryachev, All-Union Chem-Phar Res Inst imeni S. Ordzhonikidze

"Dok Ak Nauk SSSR" Vol LXXXI, No 5, pp 849-852

The nitro compound is reduced in the presence of 0.5N alcoholic caustic with skeleton porous nickel to the corresponding amine and subsequently titrated with a std soln of sodium nitrite.

210742

✓ Determination of  $\alpha$ -hydroxy acid  
Rushmore, N. S. (1964) *Ann. N.Y. Acad. Sci.* 117: 1-10  
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2022 *Ann. N.Y. Acad. Sci.* 117: 1-10  
2023 *Ann. N.Y. Acad. Sci.* 117: 1-10  
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GORYACHEVA, N.S.

Using a skeleton nickel catalyst for the analysis of some organic compounds. Med. prom. 11 no.3:32-35 Mr '57 (MLRA 10:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordshonikidze.  
(CATALYSTS) (CHEMISTRY, ANALYTICAL)

GORYACHEVA, N. S. Cand Chem Sci -- (diss) "Application of basic-nickel  
catalyzers in analysis of organic compounds." Mos, 1958. 14 pp (Min of  
Health, USSR. All-Union Sci <sup>Res</sup> Chem-Pharm Inst im C. Ordzhonikidze),  
110 copies (KL, 11-58, 113)



GORYACHEVA, N.S., CHERNOBAY, V.T., PINYAZHKO, I.P., LU YUY-KHUA,

Disertations. Med.prom 12 no.9:62-63 S'58  
(DRUGS)

(MIRA 11:10)

GORYACHEVA, N.S.; KORCHAGINA, V.A.

Quantitative determination of leukogen. Apt. delo 9 no.3:33-35  
My-Je '60. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy  
institut imeni S. Ordzhonikidze.  
(THIAZOLIDINECARBOXYLIC ACID)

GROMASHEVSKIY, L.V.; GORYACHEVA, O.A.; KHORUZHENKO, P.F.;  
SLESARENKO, V.V.

Local cases of tick-borne relapsing fever in the Ukraine;  
preliminary report. Med. paraz. 25 no.1:17-27 Ja-M '56 (MLRA 9:6)

1. Iz Kiyevskogo instituta epidemiologii, mikrobiologii i gigiyeny  
(dir. instituta-kandidat meditsinskikh nauk S.N. Terekhov) i  
Respublikanskoy protivolyaremiynoy stantsii (glavnyy vrach  
V.V. Slesarenko)

(TYPHOID FEVER,  
tick-borne, relapsing in Ukraina)

GORVACHEVA, O. A.

5  
Biochemistry of experimental gastritis in light of cortico-visceral connections. V. M. Vasyutovskiy, A. V. Drobinitsaya, O. N. Barovikova, Z. N. Lebedeva, and O. A. Gorvacheva. *Fiziol. Zhur. S.S.S.R.* 42, 192-202 (1956). — *Exptl. Gastritis* in cats lowers the reducing and oxidizing ability of the mucous membranes of the stomach (tests with decolorization of methylene blue and with formation of indophenol blue); acid phosphatase also declines as do free and bound vitamin B<sub>1</sub> and nicotinic acid. In normal animals carbacholine enhances the anoxidative link in cell respiration of the gastric lining, while adrenaline or sympatol has no effect. Block of parasympathetic innervation with atropine represses cellular respiration (mainly the aerobic part), while sympatolitin, which blocks the sympathetic innervation, causes an increase in the aerobic respiration. Both of these drugs repress considerably the biochem. shifts listed above in *exptl. gastritis*. Group B vitamins greatly increase the vol. and acidity of gastric juice, and restore the oxidation-reduction reactions of gastric lining. G. M. Kosolapoff

GORYACHEVA, R.I.; ZHUKOVA, L.M.; NESMEYANOV, A.N., akademik, glav. red.; TOPCHIYEV, A.V., akademik, zam. glav. red.; ISAKOVA, O.V., otv. red.; LIKHTENSHTEYN, Ye.S., otv. red.; SHUNKOV, V.I., otv. red. SHCHERBAKOV, V.K., red. izd-va; DOROKHINA, I.N., tekhn. red.

Nikolai Ivanovich Vavilov. Vstup. stat'ia P.A. Baranova.  
Bibliografiia sots. R.I. Goriachevoi i L.M. Zhukovoi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 88 p. (Materialy k bibliografiia uchenykh SSSR. Seriia biologicheskikh nauk, no. 6)  
(MIRA 16:6)

1. Akademiya nauk SSSR. 2. Chlen-korrespondent AN SSSR (for Shunkov).

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GORYACHEVA, R.I.; LIKHTENSHTEYN, Ye.S., otv. red.; ISAKOVA, O.V.,  
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akademik, glav. red.; TOPCHIEV, A.V., akademik, zam.  
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Shunkov).

GORYACHEVA, R.I.; ZAYTSEVA, A.V.; NESMEYANOV, A.N., akademik,  
glav. red.; ISAKOVA, O.V., otv. red.; LIKHTENSHTAYN,  
Ye.S., otv. red.; SHUNKOV, V.I., otv. red.

Aleksandr Vasil'yevich Topchiev. (1907-1962). Moskva,  
Nauka, 1964. 160 p. (Materialy k bibliografii uchenykh  
SSSR. Seriya khimicheskikh nauk no.34) (MIRA 18:3)

1. Akademiya nauk SSSR. 2. Chlen-korrespondent AN SSSR  
(for Shunkov).

KASATKIN, A.G.; DYTNEFSKIY, Yu.I.; ZARUTSKIY, V.V.; PETROV, G.G.;  
GORYACHEVA, R.V.

Separation of liquid homogeneous systems by means of polymeric  
films. Trudy MKHTI no.40:156-160 '63.

(MIRA 18:12)



GORYACHEVA, T. P.

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SO: Knizhnaya Letopis' No 29, 16 July 1955

\* For the Degree of Candidate in Medical Sciences

VLASOV, Vasilii Zakharovich [deceased], prof., doktor tekhn.nauk, chlen  
Kommunisticheskoy partii Sovetskogo Soyuz; AFANAS'YEV, A.M.,  
kand.tekhn.nauk, nauchnyy red.; GORYACHEVA, T.V., red.; GILBSON,  
P.G., tekhn.red.; KORNEYEVA, V.I., ~~tekhn.red.~~

[Thin-walled three-dimensional systems] Tonkostennyye prostranstven-  
nye sistemy. Izd.2., perer.i dop. Moskva, Gos. izd-vo lit-ry po  
stroit., arkhitekt. i stroit. materialam, 1958. 501 p. (MIRA 12:1)

1. Chlen-korrespondent AN SSSR; zaveduyushchiy kafedroy stroitel'-  
noy mekhaniki Moskovskogo ordena Trudovogo Znameni inzhenerno-  
stroitel'nogo instituta im. V.V. Kuybysheva. (for Vlasov).

(Elastic plates and shells)

VORONETS, Vasilii Stepanovich; VISHNEVETSKIY, I.M., inzh., retsenzent;  
GORYACHEVA, T.V., inzh., red.; SMIRNOVA, G.V., tekhn. red.

[Elevator electrician] Elektromekhanik po liftam. Moskva, Gos.  
nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1961. 153 p.  
(MIRA 14:11)

(Elevators--Electric equipment)

KAZARINOV, V.M.; FOKHT, L.G.; ABRAMOVICH, I.I., inzh., retsenzent;  
GORYACHEVA, T.V., inzh., red.; OTDEL'NOV, P.V., inzh.,  
red.izd-va; EL'KIND, V.D., tekhn. red.

[Universal construction equipment]Universal'nye stroitel'nye  
mashiny. Moskva, Mashgiz, 1962. 157 p. (MIRA 15:11)  
(Construction equipment)

BEZUKHOV, Nikolay Ivanovich; LUZHIN, Ol'gert Vladimirovich; Prini-  
mal uchastiye KATS, M.M.; GORYACHEVA, T.V., red.;  
KASIMOV, D.Ya., tekhn. red.

[Stability and dynamics of structures in examples and  
problems] Ustoichivost' i dinamika sooruzhenii v prime-  
rakh i zadachakh. Moskva, Gosstroizdat, 1963. 370 p.  
(MIRA 17:1)

MIKHAYLOV, Viktor Vasil'yevich, doktor tekhn. nauk, prof.;  
GORYACHEVA, T.V., red.; GOL'BERG, I.M., tekhn. red.

[Prestressed concrete structures; theory, design and  
selection of sections] Predvaritel'no napriazhennye zhele-  
zobetonnye konstruksii; teoriia, raschet i podbor seche-  
nii. Moskva, Gosstroizdat, 1963. 606 p. (MIRA 17:1)

BAKIROV, Raif Osmanovich, kand. tekhn. nauk; REZNIKOV, R.A.,  
kand. tekhn. nauk, nauchn. red.; GORYACHEVA, T.V., red.

[Use of modern computers in the calculation of statically  
undefinable systems; principal steps in solving problems  
using computers and the standard programs for solving  
ribbon systems of linear algebraic equations using the  
"Ural-2" digital computer] Primenenie sovremennykh vychisli-  
tel'nykh mashin pri raschete staticheskoi neopredelimoj si-  
stem; osnovnye etapy reshenia zadach na mashine i standart-  
nye programmy reshenia lentochnykh sistem lineinykh algebra-  
icheskikh uravnenii na ETsVM "Ural-2". Moskva, Stroiizdat,  
1965. 70 p. (MIRA 18:4)

GVOZDEV, A.A., doktor tekhn. nauk, prof., red.; GORYACHEVA, T.V.,  
red.

[Calculating and building reinforced concrete structural  
elements; materials on the justification and explanation  
of new regulation norms for designing concrete and re-  
inforced concrete elements SNiP II-V. 1-62] Raschet i  
konstruirovaniye elementov zhelezobetonnykh konstruktsii;  
materialy po obosnovaniyu i raz"iasneniyu novykh polezhe-  
niy norm proektirovaniya betonnykh i zhelezobetonnykh  
konstruktsiy SNiP II-V. 1-62. Moskva, Stroiizdat, 1964.  
214 p. (MIRA 17:11)



BOLOTIN, Vladimir Vasil'yevich; GOL'DENBLAT, Iosif Izrailevich;  
SMIRNOV, Anatoliy Filippovich; GORYACHEVA, T.V., red.

[Present-day problems of structural mechanics] Sovremen-  
nye problemy stroitel'noi mekhaniki. Moskva, Stroiizdat,  
1964. 130 p. (MIRA 17:12)

GORYACHEVA, V. I., Cand Agric Sci (diss) -- "The intra-plant method of chemically combatting pests of nurseries and forest crops". Moscow, 1960. 22 pp  
(Inst of Forestry and Wood Fiber of the Siberian Dept Acad Sci USSR), 150  
copies (KL, No 14, 1960, 134)

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S/081/62/000/020/025/040  
B168/B101

11.9700

AUTHORS: Goryacheva, V. I., Kalashnikov, V. P., Ladyzhenskaya, I. V.,  
~~Lyakhovich, R. S.~~, Sidorenko, T. N., Shekhter, Yu. N.

TITLE: An additive for oils based on products of heat-contact  
cracking of kerosine

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1962, 450-451,  
abstract 20M203 (Novosti نفت. i gaz. tekhn. Neftepererabotka  
i neftekhimiya, no. 3, 1962, 3-5)

TEXT: At the "Neftegaz" works in Moscow an antiwear sulfur additive  
(HF -103 [NG-103]) and an antioxydant additive containing sulfur and  
phosphorus (HF -105 [NG-105], -105a NG-105a], HF -105b [NG-105b]).  
for engine oils were developed from the products of heat-contact cracking  
of kerosine. Products from the cracking of paraffin, distillation  
residues and kerosine were used for synthesizing the sulfur additive; the  
130-250°C cracked kerosine fraction was found to be the best raw material  
for producing the additive. Sulfuration was carried out in an experimental  
unit by adding the cracked stock to melted sulfur (15% on cracked stock)  
Card 1/3

An additive for oils based on ...

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B168/B101

under intense agitation; the temperature was held at 135-150°C, and the reaction time was 2-3 hr. The resulting sulfurated product was held for 8 hr at 150-160°C after which it was washed in a column, at first with a solution of Na<sub>2</sub>S and then with NaOH. After passing the copper-plate test the product was charged into a vacuum column and the hydrocarbons which had not taken part in the reaction were distilled off from it at a residual pressure of 5-10 mm Hg; the product was subsequently taken to an ultracentrifuge. The yield of additive was 25-30% of the raw material. Comparative tests on the additive NG-103 showed that as regards antiwear properties it is not inferior to ЭЗ-5 (EZ-5), ОТ-1 (OT-1) or ЛЗ<sup>6</sup>/9 (LZ<sup>6</sup>/9) which are made from scarce raw materials, and that it has advantages over them (cheap source material, simple production method, no unpleasant odor). The antioxydant additive was produced from a 75-250°C cracked kerosine fraction with a molecular weight of 198 and a Francis bromine number of 40. In order to produce a stable oil-soluble additive the olefinic hydrocarbons of the cracked stock were first polymerized in the presence of 2 wt.% AlCl<sub>3</sub> (on raw material) at 60°C. The mixture obtained

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B168/B101

was heated to 100°C and received gradual additions of  $P_2S_5$  (15 wt.% on raw material) with agitation. Upon completion of phosphorus sulfuration the temperature of the mixture was raised to 140°C and held there for 7-8 hr. The product was then treated with 5%  $H_2SO_4$  and washed with water. The hydrocarbons which had not undergone reaction were distilled off from the purified product at a pressure of 5-6 mm Hg. The acid additive (NG-105) was neutralized with CaO (NG-105b) or ZnO (NG-105a) and was centrifugalized. The additives so produced were dark brown in colour and had the usual odor of cracked stock; in a thin film they were transparent. The additive yield is 25% of the initial cracked stock. [Abstracter's note: Complete translation.]

X

Card 3/3

SHEKHTER, Yu.N.; KALASHNIKOV, V.P.; GORYACHEVA, V.I.

Nitration of mineral oils. Khim.i tekhn. topl. i masel 7 no.11:40-45  
N '62. (MIRA 15:12)

1. Moskovskiy zavod "Neftegaz."  
(Mineral oils) (Nitration)

GORYACHEVA, V.I.; OVANESOVA, V.A., red.

[New developments in the chemical control of forest pests in the German Democratic Republic; reports on an official visit abroad] Novoe v khimicheskoi bor'be s vrediteliami lesa v GDR; otchet o zarubezhnoi komandirovke. Pushkino, Vses. nauchno-issl. in-t lesovodstva i mekhanizatsii lesnogo khoz., 1964. 14 p. (MIRA 17:12)

L 2939-66 ENT(m)/EPF(v)/ENP(s)/T/ENP(t)/ENP(b) JD/WW/MB/RM

ACCESSION NR: AP5024386 UR/0286/65/000/015/0068/0068  
620.197.3

AUTHOR: Shakhter, Yu. M.; Vaynshtok, V. V.; Dol'berg, A. L.; Kalashnikov, V. P.;  
Poddubnyy, V. N.; Goryacheva, V. I.; Rosvadovskaya, I. N.; Levitin, M. K.

TITLE: Preparative method for corrosion inhibitors for metals. Class 23,  
No. 173366

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 68

TOPIC TAGS: corrosion inhibitor

ABSTRACT: An Author Certificate has been issued for a preparative method for corrosion inhibitors for metals which involves petroleum product nitration. To increase the inhibitor effectiveness, to lower its cost, and to widen the range of available inhibitors, petrolatum, or oxidised petrolatum, or pyro polymers, or a mixture thereof are nitrated. [SM]

ASSOCIATION: none

SUBMITTED: 09Mar63 ENCL: 00 SUB CODE: AM  
NO REF SOV: 000 OTHER: 000 ATD PRESS: 4/10  
Card 1/1 PC



GORACHEVA, V.P.; BERGMAN, A.G.

Reciprocal system consisting of sodium and calcium chlorides and  
pyrophosphates. Zhur.neorg.khim. 6 no.6:1385-1388 Je '61.  
(MIRA 14:11)

1. Kubanskiy sel'skokhozyaystvennyy institut.  
(Systems (Chemistry))

BERGMAN, A.G.; GORYACHEVA, V.P.

Reciprocal system of sodium and calcium pyrophosphates and sulfates.  
Zhur.neorg.khim. 7 no.3:628-632 Mr '62. (MIRA 15:3)

1. Kubanskiy sel'skokhozyaystvennyy institut.  
(Pyrophosphates) (Sulfates) (Systems (Chemistry))

S/078/62/007/006/013/024  
B106/B180

AUTHORS: Bergman, A. G., Goryacheva, V. P.

TITLE: Constitution diagram of the reversible and reciprocal system of the fluorides and pyrophosphates of lithium and potassium

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 6, 1962, 1394-1398

TEXT: Continuing a series of papers on reciprocal systems consisting of fluorides, chlorides, and pyrophosphates of alkali and alkaline earth metals the crystallization surface of the ternary reversible and reciprocal system  $\text{Li}, \text{K} \parallel \text{F}, \text{P}_2\text{O}_7$  was studied by a visual polythermal method. Data on the binary systems  $\text{Li}_4\text{F}_4\text{-K}_4\text{F}_4$ ,  $\text{Li}_4\text{F}_4\text{-Li}_4\text{P}_2\text{O}_7$ ,  $\text{K}_4\text{F}_4\text{-K}_4\text{P}_2\text{O}_7$  and  $\text{Li}_4\text{P}_2\text{O}_7\text{-K}_4\text{P}_2\text{O}_7$  were taken from publications; the authors of the present paper analyzed the unstable diagonal section  $\text{K}_4\text{F}_4\text{-Li}_4\text{P}_2\text{O}_7$  and

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S/078/62/007/006/013/024  
B106/B180

Constitution diagram of...

11 sections. The crystallization surface of the ternary system studied consists of 5 main fields of crystallization. The field of the incongruently melting compound  $3K_4F_4 \cdot K_4P_2O_7$  is displaced when lithium salts are introduced at 69°C and 42.5%  $K_4P_2O_7$ , 42.5%  $K_4F_4$ , 15%  $Li_4F_4$ .

The compound does not take part in the phase complexes of the reciprocal system. The fundamental ternary invariant points of the system are a eutectic (477°C; 12.5%  $K_4P_2O_7$ , 48%  $Li_4F_4$ , 39.5%  $K_4F_4$ ), and a ternary

transition point (553°C; 48.5%  $Li_4F_4$ , 43%  $K_4P_2O_7$ , 8.5%  $K_4F_4$ ). The more stable and triangulating diagonal of the system is  $Li_4F_4 - K_4P_2O_7$ ; it

divides the constitution diagram of the system into the two phase triangles  $Li_4P_2O_7 - Li_4F_4 - K_4P_2O_7$  and  $Li_4F_4 - K_4P_2O_7 - K_4F_4$ . The  $K_4P_2O_7$  field penetrates deep into the system (up to a fluoride content of 87.5%). Areas covered by the crystallization fields:  $Li_4P_2O_7$  37.91%,  $K_4P_2O_7$  29.46%,  $Li_4F_4$  17.10%,

$K_4F_4$  13.31%, field of the complex 2.22%. For comparison, it must be noted that the triangulating diagonal in the system  $Li, Na \parallel F, P_2O_7$  is

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Constitution diagram of...

S/078/62/007/006/013/024  
B106/B180

$\text{Na}_4\text{F}_4\text{-Li}_4\text{P}_2\text{O}_7$ . There are 3 figures and 1 table.

ASSOCIATION: Kubanskiy sel'skokhozyaystvennyy institut (Kuban'  
Institute of Agriculture)

SUBMITTED: June 24, 1961

Card 3/3

BERGMAN, A.G.; GORYACHEVA, V.P.

Diagonal cross section of the quaternary reciprocal system consisting of lithium, sodium, and potassium pyrophosphates and fluorides. Zhur.neorg.khim. 7 no.10:2438-2443 0 '62.  
(MIRA 15:10)

1. Kubanskiy sel'skokhozyaystvenny institut.  
(Alkali metal pyrophosphates) (Alkali metal fluorides)

BERGMAN, A.G.; GORYACHEVA, V.P.

Ternary system consisting of lithium, sodium, and potassium  
pyrophosphates. Zhur.neorg.khim. 7 no.10:2444-2446 C '62.  
(MIRA 15:10)

1. Kubanskiy sel'skokhozyaystvennyy institut i Rostovskiy-na-Donu  
nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya.  
(Alkali metal pyrophosphates)

BERGMAN, A.G.; GORYACHEVA, V.P.

Melting diagram of the system consisting of lithium  
and potassium pyrophosphates and sodium fluoride.  
Zhur.neorg.khim. 7 no.11:2617-2618 N '62. (MIRA 15:12)

1. Kubanskiy sel'skokhozyaystvennyy institut i Rostovskiy  
nauchno-issledovatel'skiy institut tekhnologii  
mashinostroyeniya.

(Alkali metal pyrophosphates)  
(Sodium fluoride)



BERGMAN, A.G.; KAZNACHEYEVA, K.F.; GORIACHEVA, V.P.; SADOVSKIY, A.P.

Reciprocal system consisting of pyrophosphates and fluorides of sodium and potassium. Zhur. neorg. khim. 8 no.6:1455-1460 Je '63. (MIRA 16:6)

1. Rostovskiy-na-Donu nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya i Kubanskiy sel'skokhozyaystvennyy institut.

(Alkali metal fluorides)

(Alkali metal pyrophosphates)

GORYACHEVA, V.P.; BERGMAN, A.G.

Horizontal cross section of the system  $\text{Li, Na, K} \parallel \text{F, P}_2\text{O}_7$ .  
Zhur. neorg. khim. 10 no.7:1744-1746 J1 '65.

(MIRA 18:8)

L 44381-66 EWT(m)/T DJ

ACC NR: AP6022405 (A) SOURCE CODE: UR/0317/66/000/002/0046/0049

AUTHOR: Goryacheva, V. ; Kalashnikov, V. ; Shekhter, Yu.

ORG: none

TITLE: New lubricants and additives

SOURCE: Tekhnika i vooruzheniye, no. 2, 1966, 46-49

TOPIC TAGS: liquid metal lubricant, lubricant additive

ABSTRACT: Soviet industry has recently developed and is producing serially the following inhibiting liquid lubricants: 1) NG-203 (A, B, C—which differ in viscosity and inhibitor content). The inhibitor is a concentrate of calcium sulfonate. Brands B and C which are the more liquid serve to lubricate the internal parts of machines, machine tools and instruments. Brand A is recommended for the external surfaces; 2) NG-204 and NG-204u are used for equipment exposed to precipitation. NG-204 is recommended for surfaces of complex shape, NG-204u for external surfaces (casings).

Card 1/2

L 44381-66

ACC NR: AP6022405

4  
 housings); 3) K-15, K-17 and K-19. The components, state at various temperatures, viscosity, and other characteristics of all the lubricants are given in two tables. The "Neftegar." Plant in Moscow has developed the anticorrosion additive inhibitor "AKOR-1" which improves the protective properties of motor oils.\\ Orig. art. has: 2 tables. [DW]

SUB CODE: 11/ SUBM DATE: none/

hs  
Card 2/2

SHERDAKOV, N.I., dotsent; GORYACHEVA, Ye.M., starshiy prepodavatel';  
NIKIFOROV, A.F., dotsent; STEFANOV, D., prof.;  
TAL'MAN, P.N., dotsent

Discussing general biological problems. Nauch. trudy LTA  
no.99:117-120 '62. (MIRA 17:1)

1. Zaveduyushchiy kafedroy dialekticheskogo i istoricheskogo materializma Leningradskoy ordena Lenina lesotekhnicheskoy akademii imeni Kirova (for Sherdakov).
2. Kafedra dialekticheskogo i istoricheskogo materializma Leningradskoy ordena Lenina lesotekhnicheskoy akademii imeni S.M. Kirova (for Goryacheva).
3. Vsesoyuznyy zaochnyy lesotekhnicheskyy institut (for Nikiforov).

L 53771-65 ENG(j)/ENG(r)/EMT(1)/FS(r)-3/ENG(v)/ENG(a)-2/ENG(c) DD  
 ACCESSION NR: AR5009356 UR/0299/65/000/006/0003/0003

SOURCE: Ref. zh. Biologiya. Svodnyy tom, Abs. 6014

AUTHOR: Basan'ko, A. A.; Goryacheva, Ye. S.

TITLE: Photosynthesis of leaves

CITED SOURCE: Sadovodstvo, no. 6, 1964, 24-25

ABST: plant, grape, photosynthesis, measuring apparatus

DESCRIPTION. The intensity of photosynthesis in nonirrigated plantings of Golan grapes was determined by a device developed by V. Vozzhik. During the summer, photosynthesis is more intense in the leaves of the basic runners and rapidly growing suckers than in the leaves of the scrub runners. The intensity of photosynthesis increases in the former toward the end of the vegetative period while activity of the scrub leaves remains at the same level. That photosynthesis is more intense in the leaves of fruit bearing runners than in the leaves of non-fruitbearing runners. Photosynthesis intensity of both types is equalized after the crop ripens. Leaves of the

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L 53771-65

ACCESSION NR: AR5009356

middle tier (from 6th to 15th) are the most productive during the vegetative period, and for that reason should be left intact during pinching. All-Russian Scientific-Research Institute of Grape and Wine Making. Ye. Yurina.

ENCL: 00

Card 2/2

ABDRAKHMANOV, K.A.; GORYAYEVA, V.S.

Lazulite in the secondary quartzites of the Saranskoye Massif  
in central Kazakhstan. Trudy Inst. geol. nauk AN Kazakh. SSR  
12:162-165 '65. (MIRA 18:9)



ENC(Δ)/ENC(m)/ENC(k)/ENC(t)/ENC(z)/ENC(n) FI-4 00  
 UR/0137/65/000/005, 0039/0039

ACCESSION NR: A05015171

Ref. zh. Metallurgiya, Abs. 50230

Shchegoleva, Ya. I.; Goryacheva, Z. V.; Paksin, Ya. N.

Methods of forming filter elements

Tr. 7 /Sov. nauchno-tekhn. konferentsii po probk. metallurgii.

Izv. Vuzov, 1967, 172-177

TOPIC TAGS: Filter material, powder metal, powder metal pressing, vibration

In the literature has been made of the possibility of using various

methods for forming filter elements

from various materials

and the results of the work

on the subject are given

of 100 vibrations per minute was used to measure

Card 1/2

1. "TOM-3"

ACCESSION NR: AR5015171

length up to 1 m. This type of filter element was obtained by  
drying a 0.5% solution of starch paste in a vacuum oven.

SUB CODE: MM

ENCL: 00

Card 2/2

1. 44731-65 EPE(c)/EPF(n)=2/EPR/EPA(n)=2/EPA(w)=2/EWP(j)/EWT(n)/EWP(i)/  
 EWP(v)/EWP(e) Pe-4/Pr-4/Ps-4/Pt-7/Pu-4/Pab-10 RI/WH/WW/JG  
 ACCESSION NR: AP5010409 UR/0226/65/000/004/0088/0093

Y. I. Goryacheva, Z. V.

# Methods of joining cermet filter elements

Koroshkovaya metallurgiya, no. 4, 1965, 88-93

cermet filter, static compression molding, hydrostatic compression  
 extrusion die, detachable joint, permanent joint, filtration fineness

Filter elements (plates, disks, cylinders, hollow cones, tubes, etc.)  
 fabricated from powders of stainless and low-carbon steel, nickel, bronze, and other  
 being increasingly used. Their manufacturing process, however, being  
 compression molding, extrusion, etc. tubes and cylin-  
 der elements are joined by various methods. There  
 are more than  
 various methods of joining  
 the individual elements, e.g., detachable joints, e.g., and  
 detachable joints -- fastening by means of rivets, etc., and  
 fastening by means of rivets, etc., and  
 fastening by means of rivets, etc., and

L 44731-65

ACCESSION NR: AF5010409

conditions of the filter, and this article concentrates on the methods of permanent joining of filter elements, with special reference to joining by means of rolling, soldering and welding and rolling. The performance of disks joined by these methods were evaluated by comparing the performance of disks joined by these methods. The disks joined by rolling were found to perform best as regards the fineness and capacity of filtration, but rolling is suitable only for disk shaped elements. All the methods considered may be recommended for joining of filter elements fabricated from powders with spherically shaped particles. Currently the technology of production of filter elements by the extrusion-die and hydrostatic molding techniques is being developed. Orig. art. has: 5 figures, 1 table.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i projektnyy institut nefte-  
stroitel'stva i mashinostroyeniya, Moscow (State Scientific Research and Project-Design  
Institute of Petroleum Machine Building,

SUBMITTED: 27Jan64

ENCL: 00

SUB CODE: MM

REF SOV: 003

OTHER: 000

L 15549-63

ENT(1)/BDS AFFTC/ASD

ACCESSION NR: AP3004946

S/0108/63/018/008/0003/0009

51

AUTHOR: Goryainov, V. T. (Member of the Society, see "Association")

TITLE: Distribution of peak durations in a smoothened envelope of a quasi-harmonic noise

SOURCE: Radiotekhnika, v. 18, no. 8, 1963, 3-9

TOPIC TAGS: quasi-harmonic noise

ABSTRACT: Experimental results are reported that characterize the average number of peaks and the distribution of positive and negative peak durations in the realizations of a smoothened envelope of a harmonic signal combined with a quasi-harmonic noise. (Abstracter's note: No description or technical data of experiments is given.) This problem corresponds to a practical case of a linear amplitude detector feeding into an amplifier whose pass band is comparable with the width of the energy spectrum of random envelope processes. Qualitative

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L 15549-63

ACCESSION NR: AP3004946

conclusions from the experimental results are offered, and the latter are compared with analytical results. Orig. art. has: 4 figures and 17 formulas.

ASSOCIATION: Nauchno-tehnicheskoye obshchestvo radiotekhniki i elektrosvyazi (Scientific and Technical Society of Radio Engineering and Electrocommunication)

SUBMITTED: 18Apr62

DATE ACQ: 06Sep63

ENCL: 00

SUB CODE: CO

NO REF SOV: 004

OTHER: 000

Card 2/2

SUROV, S.P.; NOVIKOVA, Ye.G.; GORYACHEVA, V.V.

Determining the concentration of hide glues by the refractometric method. Zav.lab. 26:111-112 '60. (MIRA 13:5)

1. Ural'skiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta abrazivov i shlifovaniya.  
(Glue)

GORYACHEVA, Ye. P.

✓ Controlling the apple sawfly. E. P. Gorjacheva and M. B. Belja-  
hova (*Sad i Ogorod*, 1954, No. 5, 78-79). In the Leningrad area  
best results in controlling the sawfly were obtained by applying AG  
BHC dust (150 g. per tree) to the soil prior to blossoming before the  
insects appeared and again during the June "drop" when the  
caterpillars enter the soil.  
HORT. ABSTR. (A. G. P.)

①



BOGORAD, Lazar' Moiseyevich; GAVRILOV, Viktor Gavrilovich, kand.sel'skokhoz.  
nauk; GORYACHEVA, Yevgeniya Petrovna, kand.sel'skokhoz.nauk;  
LIKHONOS, Fedor Dmitriyevich, doktor sel'skokhoz.nauk; MIKHAYLOV,  
Ivan Gavrilovich; PETROV, N.P., red.; MOLODTSOVA, N.G., tekhn.red.

[Manual for orchard foremen on collective and state farms of the  
non-Chernozem zone] Spravochnik brigadira-sadovoda; kolxozov i  
sovkhozov nechernozemnoi polosy. Izd.2. Moskva, Gos.isd-vo  
sel'khoz.lit-ry, 1959. 398 p. (MIRA 14:1)  
(Fruit culture)

NIKIFOROV, Aleksey Stepanovich; RYBITSKIY, Nikolay Antonovich; GORYACHEVA,  
Ye.P., kand.sel'skokhoz.nauk, nauchnyy red.; DANILEVSKAYA, O.N.,  
red.; TIKHONOVA, I.M., tekhn.red.

[Manual for controlling diseases and pests of fruits and berries]  
Rukovodstvo po bor'be s vrediteliami i bolezniami plodovykh i  
iagodnykh kul'tur. Leningrad, Lenizdat, 1960. 95 p.

(MIRA 13:12)

(Fruit--Diseases and pests)

~~GORIACHEVA, Z.Ya.~~ (Riga)

Utilising students' industrial knowledge in geography lessons at  
the working youth's school. Geog. v shkole 23 no.4:66-68 J1-Ag  
'60. (MIRA 13:10)  
(Riga--Economic geography--Study and teaching)

L 47124-55 ENT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AR6016010

SOURCE CODE: UR/0271/66/000/001/A008/A008

AUTHOR: Semenov, Yu. I.; Goryachikh, G. A.; Kharitonov, A. G.

53  
B

TITLE: Semiconductor shift register 160

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 1A49

REF SOURCE: Sb. Novyye sredstva avtomatiz. dlya ugol'n. prom-sti. Vyp. 2.  
Kiyev, Tekhnika, 1964, 209-214

TOPIC TAGS: semiconductor device, shift register, time relay, semiconductor triode

ABSTRACT: The proposed shift register is made according to a closed circuit with a time relay without requiring external propelled pulses. The shift register is used in equipment where the cophased motion of distributor is not needed, for example, in centralized control systems. The specific feature of register elements, assembled with a P16 type semiconductor triode is the high stability of time lag which is achieved by special switching of the capacitor. The time lag is  $\sim 100$  sec with fluctuations within 2% for changes in input voltage from +10 to -20%. Orig. art. has: 5 figures. Bibliography of 2 titles. [Translation of abstract] [NT]

SUB CODE: 20/

Card 1/1 LS

UDC: 62-52:621.374.36

GORYACHIKH, K. V.

Shock workers of communist labor promote the introduction of  
innovations. Avt. dor. 25 no.10:3-4 0 '62. (MIRA 15:10)

(Road construction—Technological innovations)

FEDOTOV, P.V.; GORYACHIKH, I.A.

Acidophilus milk in the prevention of intestinal infections and diseases of the respiratory tract of small children. Sov.zdrav. Kir. no.2:24-28 Mr-Apr '63. (MIRA 16:5)

1. Iz Kirgizskogo instituta epidemiologii, mikrobiologii i gigiyeny (dir. - kand.med.nauk V.M. Perelygin) i kafedry detskikh bolezney (zav. - prof. B.F. Shagan) Kirgizskogo gosudarstvennogo meditsinskogo instituta (rektor - chlen-korrespondent AN Kirgizskoy SSR V.A. Isabayeva).

(MILK, ACIDOPHILUS) (INTESTINES—DISEASES)  
(RESPIRATORY ORGANS—DISEASES)

1. The first part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order and are as follows: [illegible text]

GOAYACHIKH, Y. E.

8

✓ Recovery of acetic acid from hydrolytic liquors

liquor treat. liquor evap. column, AcOH absorption



Goryachikh, Y.E.F.

4

Ch Investigation of the liquid-vapor composition of the binary phenolic solutions. N. V. Chelov, E. F. Goryachikh, and L. Kh. Vozolzhova. *Gidroliz. i L. Reim. Prom.* No. 3, 11-12 (1955).—Guaiacol, resols, and other simple phenols were recovered from the liquid phase of the thermal decomposition of wood by the distn. of the phenol-MeOH, phenol-acetone, and phenol-water-MeOH systems. The equil. concn. of the liquid-vapor phase was established according to Bushmakina and Voelkova (*Zavodskaya Lab.* 18, 1148 (1952); *C.A.* 44, 6252h) and the mixt. was analyzed by means of a refractometer. In the vapor phase was present 2.5-5 times as much cresol as in the water soln. An appreciable part of the phenols was distd. over with MeOH and other volatile components. The phenols were sepd. from MeOH and acetone in continuous columns, where phenols accumulated on the lower plates. Fusel oils present in alc. production are removed similarly. Equil. curves are given for the liquid-vapor phase of MeOH-phenol, MeOH-o-cresol, MeOH-guaiacol, acetone-phenol, and acetone-guaiacol.  
T. Jurek

RA  
MST  
(2)

All-Union Sci.-Res. Inst. Hydrolysis & Sulphite-Alcohol Industry

Goryachikh, E. F.

Production of trihydroxyglutaric acid from cottonseed  
hulls. N. V. Chalov and E. F. Goryachikh. *Gidroliz*, i  
Leningrad, No. 3, 10-12 (1950).—The sequence of  
operations in processing trihydroxyglutaric acid by oxida-  
tion of pentosans and uronic acids obtained in the hydrolysis  
of cottonseed and sunflower-seed hulls, corn husks, and  
hardwoods with  $\text{HNO}_3$  is discussed. T. Jurcic

2

A-U Sci Res Inst. Hydrolysis & Sulphite Alcohol Industry

GORYACHIKH, Ye.F.

CHALOV, N.V., kand.tekhn.nauk; GORYACHIKH, Ye.F.

Organic acids from vegetable raw material. Khim.nauka i prom. 2  
no.4:458-461 '57. (MIRA 10:11)

(Acids, Organic)

CHALOV, N.V.; GORYACHIKH, Ye. F.; LESHCHUK, A.Ye.

New method for the hydrolysis of wood by concentrated hydrochloric acid. Gidroliz. i lesokhim. prom. 12 no. 3:3-5 '59.

(MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-spirovoy promyshlennosti.

(Hydrolysis) (Hydrochloric acid) (Wood)

CHALOV, N.V.; GORYACHIKH, Ye.F.; LESHCHUK, A.Ye.

New arrangement for the hydrolysis of wood by hydrochloric acid.  
Gidroliz i lisokhin.prom. 12 no.4:1-4 '59. (MIRA 12:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy  
sul'fitnospirtovoy promyshlennosti.  
(Wood-Chemistry) (Hydrolysis)

CHALOV, N.V.; LESHCHUK, A.Ye.; KOROTKOV, N.V.; GORYACHIKH, Ye.P.; AMAN, A.Kh.;  
PAABIKIVI, L.B.; ALEKSANDROVA, O.A.

Hydrolysis of cellulose lignin by a 44-45% hydrochloric acid solution  
in a diffusion battery. Zhur. prikl. khim. 34 no. 12:2737-2745 D '61.  
(MIRA 15:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidroliznoy i  
sul'fitno-spirovoy promyshlennosti.  
(Lignin) (Hydrolysis)

CHALOV, N.V.; LAPPO-DANILEVSKIY, Yu.K.; GORYACHIKH, Ye.F.; BLINOVA, N.N.;  
ZHDANOVA, L.A.

Chemicomechanical degradation of linters in the presence of  
sulfuric acid. Sbor.trud.NIIGS 12:87-98 '64.

(MIRA 18:3)

GORYACHIKINA, N.S.

Study on the lytic properties of dysentery bacteriophages in mouse organism infected by Flexner's bacillus. Zhur.mikrobiol. epid. i immun. 30 no.2:61-65 F '59. (MIRA 12:3)

1. Iz kafedry mikrobiologii II Moskovskogo meditsinskogo instituta.  
(SHIGELLA, infect.

exper. Shigella flexneri infect, in mouse, lytic properties of dysenterial bacteriophage (Rus))

(BACTERIOPHAGE,

lytic properties of dysenterial bacteriophage in exper. Shigella flexneri infect. in mouse (Rus))



GORYACHIIY, A., kapitan.

Men of creative thought. Tankist no.2:47-49 F '58. (MIRA 11:3)  
(Tanks (Military science)--Maintenance and repair)

GORYACHIIY, A., kapitan

Friendship is becoming stronger. Starsh.-serzh. no.8:24 Ag '61.  
(MIRA 14:10)

(Russia—Relations (General) with Poland)  
(Poland—Relations (General) with Russia)

KATSNELSON, I.B., dotsent; BESSER, V.L.; IONOV, I.T.; GORYACHY, M.P.;  
IOFIN, I.I.; CHARTORIZHSKIY, N.A., kand.med.nauk

Poisoning from castor bean seeds; clinical and experimental observations. Sov. med. 24 no. 2:131-135 F '60. (MIRA 14:2)  
(CASTOR BEAN--TOXICOLOGY)

GORYACHIIY, YA.V. I POLYAKOV, V.V.

25184 Goryachiy, Ya. V. i Polyakov, V.N. Sklonnost' Dvigatelya Avtomobilya  
(Moskvich) K Detonatsii. Avtomob. Prom-St', 1949, No.8, c.3-5

SO: Letopis' No. 33, 1949

1. GORYACHIIY, Ya. V.

2. USSR (600)

4. Automobiles - Motors

7. Lapping of distribution-valve mechanism of the automobile engine. Avt. trakt.  
prom. no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

GORYACHII, Ya.

Overhead-valve engines for the Moskvich automobiles. Avt.transp.  
35 no.9:18-20 S '57. (MIRA 19:10)

1. Moskovskiy zavod malolitrashnykh avtomobil'ov.  
(Automobiles--Engines)

GORYACHY, Ya., inzh.; KHAL'FAN, Yu., inzh.

Operating and repairing the engine of the Moskvich-407 automobile.  
Avt. transp. 36 no. 11:16-19 N '58. (MIRA 11:11)

1. Moskovskiy zavod malolitrashnykh avtomobiley.  
(Automobiles--Engines)

GORYACHY, Y. inzh.; DIBNER, V., inzh.

The K-59 carburetor. Za rul. 17 no.1:22-23 Ja '59. (MIRA 12:3)

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